STATE OF UTAH

					DIVISION OF						AMENDE	ED REPOR	T		
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and NUMBER NBU 922-33P1CS					
2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WELL										3. FIELD OR WILDCAT NATURAL BUTTES					
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO										5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES					
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.										7. OPERATOR PHONE 720 929-6515					
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217										9. OPERATOR E-MAIL julie.jacobson@anadarko.com					
	AL LEASE NUM	1.0. Box 170770	SHIP				12. SURFACE OWNERSHIP								
(FEDERAL, INDIAN, OR STATE) UTU-01191 FEDERAL INDIAN STATE)						
13. NAME	OF SURFACE	OWNER (if box 12		14. SURFACE OWNER PHONE (if box 12 = 'fee')											
15. ADDR	ESS OF SURFA		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')												
	N ALLOTTEE O	R TRIBE NAME			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES ((Submit Commingling Application) NO ()					19. SLANT VERTICAL DIRECTIONAL HORIZONTAL					
(11 BOX 12	= INDIAN)			YES											
20. LOCATION OF WELL F					OTAGES Q		R-QTR	SECT	ION	TOWNSHIP RA		ANGE MERIDIAN		RIDIAN	
LOCATION AT SURFACE 657					SL 372 FEL		SESE			9.0 S	22.0	0 E	E S		
Top of Uppermost Producing Zone 972					SL 449 FEL		SESE			9.0 S	22.0	0 E	S		
At Total Depth 972					SL 449 FEL		SESE	33		9.0 S 2		2.0 E S		S	
21. COUNTY UINTAH 22. DISTANCE TO NEAREST LEASE LINE (I									23. NUMBER OF ACRES IN DRILLING UNIT 1041						
25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 229										26. PROPOSED DEPTH MD: 10109 TVD: 10088					
27. ELEV	ATION - GROUN	ID LEVEL 4997		28. BC	28. BOND NUMBER WYB000291					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496					
String	Hole Size Casing Size Length Weigh		Weight	eight Grade & Thread Max Mud Wt.			ıd Wt.		Cement	Sacks	Yield	Weight			
Surf	11	8.625	0 - 2320	28.0	J-55 LT	&C	0.	.2		Type V		180	1.15	15.8	
Prod	7.875	4.5	0 - 10109	11.6	11.6 HCP-110 L		12	5	Dro	Class G mium Lite High Strength		300	3.38	15.8	
1100	7.073	4.5	0 - 10109	11.0	1101-1101	LIGO	12	1101		50/50 Poz		1480	1.31	14.3	
			1		AT	ГТАСН	MENTS						'		
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES															
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER								COMPLETE DRILLING PLAN							
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)								FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)								TOPOGRAPHICAL MAP							
NAME Gina Becker TITLE Regulatory Analyst II							PHONE 720 929-6086								
SIGNATU	JRE			DATE	DATE 12/14/2012				EMAIL	MAIL gina.becker@anadarko.com					
	ber assigned 047534160			APPRO	APPROVAL				Pern	ermit Manager					

